

CLAIMS

1. A blade material cutting device which is employed for cutting a strip blade material, wherein said device has:

5 a stationary blade part having a pair of front and rear support faces on which a strip plate part and a blade edge part of said blade material where said blade edge part is formed in an edge of said strip plate part are to be overlaid, and which are placed with being separated from each other by a gap in a direction of feeding said blade material;

10 a pair of opposed front and rear stationary edges which are disposed in said pair of support faces;

15 a movable blade part which is extracted and retracted with respect to said mutual gap between said pair of support faces; and

20 a pair of front and rear movable edges which are disposed in said movable blade part, and which cooperate with said pair of stationary edges to cut away a disposal portion of said blade material that is positioned between said stationary edges.

25 2. A blade material cutting device according to claim 1, wherein each of said stationary edges and said movable edges is a straight-cutting edge for linearly forming a cut line which extends over said blade edge part and said strip plate part of said blade material after the cutting.

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3. A blade material cutting device according to claim 1,  
wherein each of said stationary edges and said movable edges  
is a miter-cutting edge for conducting a cutting operation so  
that said blade edge part of said blade material after the  
cutting has a miter shape.

4. A blade material cutting device according to claim 1,  
wherein said pair of front and rear support faces are formed  
in each of right and left side faces of said stationary blade  
part, said pair of front and rear stationary edges which are  
disposed in said pair of support faces on one side of said  
right and left side faces are straight-cutting edges for line-  
arly forming a cut line which extends over said blade edge  
part and said strip plate part of said blade material after  
the cutting, said pair of front and rear stationary edges  
which are disposed in said pair of support faces on another  
side of said right and left side faces are miter-cutting edges  
for conducting a cutting operation so that said blade edge  
part of said blade material after the cutting has a miter  
shape,

said movable blade part is placed in each of sides which  
sandwich said mutual gap,

a pair of front and rear movable edges which cooperate  
with said pair of straight-cutting front and rear stationary  
edges to cut away a disposal portion of said blade material  
that is positioned between said stationary edges are disposed

in said movable blade parts on the one side, and

A4 a pair of front and rear movable edges which cooperate with said pair of miter-cutting front and rear stationary edges to cut away a disposal portion of said blade material that is positioned between said stationary edges are disposed in said movable blade parts on the other side.

5. A blade material cutting device according to claim 1, wherein said pair of front and rear support faces are formed in each of right and left side faces of said stationary blade part, said pair of front and rear stationary edges which are disposed in said pair of support faces on one side of right and left side faces are straight-cutting edges for linearly forming a cut line which extends over said blade edge part and said strip plate part of said blade material after the cutting, said pair of front and rear stationary edges which are disposed in said pair of support faces on another side of said right and left side faces are miter-cutting edges for conducting a cutting operation so that said blade edge part of said blade material after the cutting has a miter shape,

said movable blade part is configured so as to be movable between one side and another side of said mutual gap with passing through said mutual gap,

a pair of front and rear movable edges which cooperate with said pair of straight-cutting front and rear stationary

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edges to cut away a disposal portion of said blade material that is positioned between said stationary edges are disposed in the one side of right and left side faces of said movable blade parts, and

5 a pair of front and rear movable edges which cooperate with said pair of miter-cutting front and rear stationary edges to cut away a disposal portion of said blade material that is positioned between said stationary edges are disposed in the another side of said right and left side faces of said  
10 movable blade part.

6. A blade material cutting device which is employed for cutting a strip blade material, wherein said device has:

15 a stationary blade part having a support face on which a strip plate part and a blade edge part of said blade material where said blade edge part is formed in an edge of said strip plate part are to be overlaid;

20 a pair of front and rear stationary edges which are disposed in said support face, and which are positioned to be separated from each other by a gap in a direction of feeding said blade material;

25 a front movable blade part which is movable in front of said support face in lateral directions of said support face, and a rear movable blade part which is movable in rear of said support face in the lateral directions of said support face;

44 a movable edge which is disposed in said front movable blade part, and which cooperates with said front stationary edge of said support face to cut said blade material; and

5 a movable edge which is disposed in said rear movable blade part, and which cooperates with said rear stationary edge of said support face to cut said blade material.

7. A blade material cutting device according to claim 6, wherein each of said stationary edges and said movable edges of said front and rear movable blade parts is a straight-cutting edge for linearly forming a cut line which extends over said blade edge part and said strip plate part of said blade material after the cutting.

8. A blade material cutting device according to claim 6, wherein each of said stationary edges and said movable edges of said front and rear movable blade parts is a miter-cutting edge for conducting a cutting operation so that said blade edge part of said blade material after the cutting has a miter shape.

9. A blade material cutting device according to claim 6, wherein said support face is formed in each of right and left side faces of said stationary blade part, said pair of front and rear stationary edges which are disposed in said support face on one side are straight-cutting edges for linearly forming a cut line which extends over said blade edge part and said strip plate part of said blade material after the cut-

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ting, said pair of front and rear stationary edges which are  
disposed in said support face on another side are miter-  
cutting edges for conducting a cutting operation so that said  
blade edge part of said blade material after the cutting has  
a miter shape,

5 a pair of right and left movable edges are disposed in  
said front movable blade part, said movable edge on the one  
side is an edge which cooperates with said straight-cutting  
front stationary edge to cut said blade material, said movable  
10 edge on the other side is an edge which cooperates with said  
miter-cutting front stationary edge to cut said blade mate-  
rial,

15 a pair of right and left movable edges are disposed in  
said rear movable blade part, the movable edge on the one side  
is an edge which cooperates with said straight-cutting rear  
stationary edge to cut said blade material, and the movable  
edge on the other side is an edge which cooperates with said  
miter-cutting rear stationary edge to cut said blade material.

10. A blade material cutting device according to claim 6,  
20 wherein said stationary blade part is formed into a fork-like  
shape having a pair of right and left protrusions, said sup-  
port face is formed in each of right and left side faces which  
are opposed between said pair of protrusions, a pair of front  
and rear stationary edges disposed in said support face on one  
25 side are straight-cutting edges for linearly forming a cut

line which extends over said blade edge part and said strip  
plate part of said blade material after the cutting, a pair  
of front and rear stationary edges disposed in said support  
face on another side are miter-cutting edges for conducting  
5 a cutting operation so that said blade edge part of said blade  
material after the cutting has a miter shape,

10 a pair of right and left movable edges are disposed in  
said front movable blade part, said movable edge on the one  
side is an edge which cooperates with said straight-cutting  
front stationary edge to cut said blade material, said movable  
edge on the other side is an edge which cooperates with said  
miter-cutting front stationary edge to cut said blade mate-  
rial,

15 a pair of right and left movable edges are disposed in  
said rear movable blade part, said movable edge on the one  
side is an edge which cooperates with said straight-cutting  
rear stationary edge to cut said blade material, and said  
movable edge on the other side is an edge which cooperates  
with said miter-cutting rear stationary edge to cut said blade  
20 material.